

CLAIMS

What is claimed is:

- 1 1. A method for prioritized network security, comprising:
 - 2 (a) identifying a set of policies, each policy having a condition associated therewith;
 - 3 (b) determining whether the conditions are met; and
 - 4 (c) activating the policies whose associated conditions are determined to be met;
 - 5 (d) wherein the conditions represent a priority of the policy.

- 1 2. The method as recited in claim 1, and further comprising determining whether a user confirms the activation of the policies.

- 1 3. The method as recited in claim 2, and further comprising activating the policies if the user confirms.

- 1 4. The method as recited in claim 1, and further comprising updating the set of policies.

- 1 5. The method as recited in claim 4, wherein the updating includes receiving another inactive policy, determining whether the user accepts the inactive policy, and adding the inactive policy to the set if the user accepts the inactive policy.

- 1 6. The method as recited in claim 1, wherein the activation of the policies includes adding the policies to a set of a plurality of active policies, and executing security actions associated with the active policies if associated limits are met.

- 1 7. The method as recited in claim 6, and further comprising determining whether
2 the conditions associated with the active policies are still met, and de-activating
3 the active policies if the associated conditions are not met.
- 1 8. The method as recited in claim 6, and further comprising identifying currently
2 executed security actions, determining whether a conflict exists between the
3 currently executed security actions, and resolving any conflicts between the
4 currently executed security actions.
- 1 9. The method as recited in claim 1, wherein the conditions include a time factor.
- 1 10. The method as recited in claim 1, wherein the conditions include a source of the
2 policies.
- 1 11. The method as recited in claim 1, wherein the conditions include a severity of
2 security actions associated with the policies.
- 1 12. A computer program product for prioritized network security, comprising:
2 (a) computer code for identifying a set of policies, each policy having a condition
3 associated therewith;
4 (b) computer code for determining whether the conditions are met; and
5 (c) computer code for activating the policies whose associated conditions are
6 determined to be met;
7 (d) wherein the conditions represent a priority of the policy.
- 1 13. The computer program product as recited in claim 12, and further comprising
2 computer code for determining whether a user confirms the activation of the
3 policies.

- 1 14. The computer program product as recited in claim 13, and further comprising
2 computer code for activating the policies if the user confirms.
 - 1 15. The computer program product as recited in claim 12, and further comprising
2 computer code for updating the set of policies.
 - 1 16. The computer program product as recited in claim 15, wherein the updating
2 includes receiving another inactive policy, determining whether the user accepts
3 the inactive policy, and adding the inactive policy to the set if the user accepts
4 the inactive policy.
 - 1 17. The computer program product as recited in claim 12, wherein the activation of
2 the policies includes adding the policies to a set of a plurality of active policies,
3 and executing security actions associated with the active policies if associated
4 limits are met.
 - 1 18. The computer program product as recited in claim 17, and further comprising
2 computer code for determining whether the conditions associated with the active
3 policies are still met, and de-activating the active policies if the associated
4 conditions are not met.
 - 1 19. The computer program product as recited in claim 17, and further comprising
2 computer code for identifying currently executed security actions, determining
3 whether a conflict exists between the currently executed security actions, and
4 resolving any conflicts between the currently executed security actions.
 - 1 20. The computer program product as recited in claim 12, wherein the conditions
2 include a time factor.

1 21. The computer program product as recited in claim 12, wherein the conditions
2 include a source of the policies.

1 22. The computer program product as recited in claim 12, wherein the conditions
2 include a severity of security actions associated with the policies.

1 23. A system for prioritized network security, comprising:
2 (a) logic for identifying a set of policies, each policy having a condition associated
3 therewith;
4 (b) logic for determining whether the conditions are met; and
5 (c) logic for activating the policies whose associated conditions are determined to be
6 met;
7 (d) wherein the conditions represent a priority of the policy.

1 24. A method for prioritized network security, comprising:
2 (a) identifying a set of policies each having an associated security action and a limit
3 for triggering the security action;
4 (b) determining whether the limits are met;
5 (c) executing the security actions of the policies whose associated limits are
6 determined to be met;
7 (d) identifying currently executed security actions;
8 (e) determining whether a conflict exists between the currently executed security
9 actions; and
10 (f) resolving any conflicts between the currently executed security actions.

1 25. The method as recited in claim 24, wherein each policy has an associated
2 priority, and the conflicts are resolved based on the priority.

1 26. A method for prioritized network security, comprising:
2 (a) identifying a set of security actions, each security action having a limit and a
3 priority associated therewith;
4 (b) determining whether the limits are met; and
5 (c) executing the security actions whose associated limits are determined to be met;
6 (d) wherein the security actions are executed based on the priority.

1 27. A method for prioritized network security, comprising:
2 (a) identifying a set of policies, each policy having a condition and a priority
3 associated therewith;
4 (b) determining whether the conditions are met; and
5 (c) activating the policies whose associated conditions are determined to be met;
6 (d) wherein the policies are activated based on the priority.

1 28. A method for prioritized network security, comprising:
2 (a) identifying a set of policies, each policy having a condition associated therewith;
3 (b) determining whether the conditions are met; and
4 (c) activating the policies whose associated conditions are determined to be met;
5 (d) wherein the conditions represent an urgency associated with an issue causing the
6 policy to be activated.

1 29. A method for providing network security, comprising:
2 (a) identifying a set of a plurality of inactive policies each including a security
3 action, a condition for activating the policy, and a limit for triggering the security
4 action if the policy is active;
5 (b) updating the set of inactive policies including:
6 (i) receiving another inactive policy,
7 (ii) determining whether the user accepts the inactive policy, and

- 8 (iii) adding the inactive policy to the set if the user accepts the inactive
9 policy;
- 10 (c) determining whether the conditions are met for the inactive policies;
- 11 (d) determining whether a user confirms the activation of the inactive policies if the
12 associated conditions are met; and
- 13 (e) activating the inactive policies if the user confirms, the activation including:
- 14 (i) adding the inactive policies to a set of a plurality of active policies,
- 15 (ii) determining whether the conditions associated with the active policies
16 are still met,
- 17 (iii) de-activating the active policies if the associated conditions are not met,
18 and
- 19 (iv) executing the security actions associated with the active policies if the
20 associated conditions are met and the limits are met, the execution of the
21 security actions including:
- 22 (1) identifying currently executed security actions,
- 23 (2) determining whether a conflict exists between the currently
24 executed security actions, and
- 25 (3) resolving any conflicts between the currently executed security
26 actions.
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